



**PLANIT**  
TEACHERS

## Δράση για την Αειφορία: Citizen Science, Ηθικά Διλήμματα και η Μέθοδος Jigsaw

**Student Name:** \_\_\_\_\_

**Class:** \_\_\_\_\_

**Due Date:** \_\_\_\_\_

### Page 1: Introduction and Objectives

Welcome to the homework sheet on Δράση για την Αειφορία: Citizen Science, Ηθικά Διλήμματα και η Μέθοδος Jigsaw! This sheet is designed to help you apply what you have learned about sustainability, citizen science, and ethical decision-making. Your objectives are to:

- Understand the role of citizen science in addressing environmental challenges
- Apply critical thinking skills to analyze ethical dilemmas related to sustainability
- Develop a plan for contributing to sustainability efforts in your community

1. What is citizen science, and how does it contribute to sustainability?

2. Provide an example of a successful citizen science project that addressed an environmental issue.

3. How can you participate in citizen science projects in your community?

1. What are some common ethical dilemmas related to sustainability?

2. How can the 4 lenses of Brookfield (autobiographical, colleagues, students, and theoretical) help in analyzing ethical dilemmas?

3. Provide an example of an ethical dilemma related to sustainability and how you would analyze it using the 4 lenses of Brookfield.

1. What is the Jigsaw method, and how is it used in learning about sustainability?

2. How can you apply the Jigsaw method to work collaboratively with your peers on a sustainability project?

3. What are some benefits of using the Jigsaw method in learning about sustainability?

Develop a personal action plan for contributing to sustainability in your community. Include:

- Specific, measurable goals
- Strategies for achieving these goals
- A timeline for implementation
- Potential ethical dilemmas that may arise and how you will address them

Analyze a case study of a sustainability project that involved citizen science. Consider the following questions:

- What was the environmental issue addressed?
- How did citizen science contribute to the project?
- What were some challenges faced, and how were they overcome?
- What were the outcomes of the project, and what can be learned from it?

Reflect on what you have learned about sustainability, citizen science, and ethical decision-making. Consider the following questions:

- What did you learn about the role of citizen science in addressing environmental challenges?
- How did you apply critical thinking skills to analyze ethical dilemmas related to sustainability?
- What actions can you take to contribute to sustainability efforts in your community?

Imagine you are part of a community that is facing an environmental issue. Work in groups to:

- Identify the issue and its impact on the community
- Analyze the issue using the 4 lenses of Brookfield
- Develop a plan for addressing the issue, including potential solutions and ethical considerations

Express your thoughts and feelings about sustainability and citizen science through a creative medium (e.g., poem, drawing, short story). Consider the following questions:

- What does sustainability mean to you?
- How can citizen science contribute to sustainability efforts?
- What actions can you take to make a positive impact on the environment?

Congratulations on completing the homework sheet! Reflect on what you have learned and how you can apply it in your daily life. Consider the following questions:

- What did you learn about sustainability, citizen science, and ethical decision-making?
- How can you contribute to sustainability efforts in your community?
- What next steps can you take to continue learning about and addressing environmental challenges?